

## HOW TO USE THIS MANUAL

This manual is designed to help operate and maintain the Precision Gunnery System (PGS). It describes in detail the Operator's and Organizational Maintenance prescribed by the Maintenance Allocation Chart (Appendix B) and the Source, Maintenance, and Recoverability (SMR) Codes (Appendix C).

### FEATURES OF THIS MANUAL:

- A table of contents is provided at the beginning of most chapters and sections.
- WARNINGS, CAUTIONS, and NOTES, subject headings, and other important information are highlighted in **BOLD** print as a visual aid.

#### WARNING

**A WARNING indicates a hazard which can result in death or serious injury.**

#### CAUTION

**A CAUTION is a reminder of safety practices or directs attention to usage practices that may result in damage to equipment.**

#### NOTE

**A NOTE is a statement containing information that will make the procedure easier to perform.**

- An alphabetized list of abbreviations and their meanings are included in Chapter 1 for reference purposes.
- Statements and words of particular importance are printed in capital letters to create emphasis.
- Instructions are located together with illustrations that show the specific task on which the technician is working.
- Equipment locator illustrations are provided throughout the operator and maintenance procedures. These illustrations are for use in locating components and assemblies of the overall equipment. It should be noted that the locator illustrations do not always reflect the equipment condition listed in the Initial Setup at the beginning of each task.
- Dashed leader lines used in illustrations indicate that called out items are not visible (i.e., they are located within the structure).

### FOLLOW THESE GUIDELINES WHEN YOU USE THIS MANUAL:

- An alphabetical index is provided at the end of the manual to assist in locating information not readily found in the table of contents.
- Read through this manual and become familiar with its contents before proceeding to specific operator or maintenance tasks.
- A WARNING SUMMARY is provided at the beginning of this manual and should be read before performing any operator or maintenance tasks.
- In the actual operation or maintenance tasks, follow all WARNINGS, CAUTIONS, and NOTES. These are given immediately preceding the procedural steps to which they apply. If these instructions are not followed or care is not taken, injury or death to personnel or equipment damage may result.
- Within a chapter, section, or paragraph, headings are used to help group the material and assist you in quickly finding tasks. Read all preliminary information found at the beginning of each task. After completing a task, ALWAYS perform the follow-on maintenance at the end of the task.